

Table 4-1

**Sampling Locations And Rationale
Site Investigation
Former Trap and Skeet Range, Parcel 127Q
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Media	Sample Location Rationale
HR-127Q-MW01	Surface soil, subsurface soil, and groundwater	Soil boring and monitoring well for surface, subsurface soil, and groundwater samples to be placed just west of center at Parcel 127Q, approximately 120 feet in front of the trap firing pad. Sample data will indicate if contaminant releases into the environment have occurred from use of this area at the trap firing area and if contaminated media exists at this site. The monitoring well location will be used to establish a local groundwater flow direction and site-specific geology, and provide information on groundwater quality in the residuum aquifer. Soil sample data will also be used to assess potential impacts to terrestrial biota that might utilize the site for food and/or habitat purposes.
HR-127Q-MW02	Surface soil, subsurface soil, and groundwater	Soil boring and monitoring well for surface, subsurface soil, and groundwater samples to be placed on the northeastern portion of Parcel 127Q-X. Sample data will indicate if contaminant releases into the environment have occurred from past use of this area and if contaminated media exists at this site. The monitoring well location will be used to establish a local groundwater flow direction and site-specific geology, and provide information on groundwater quality in the residuum aquifer. Soil sample data will also be used to assess potential impacts to terrestrial biota that might utilize the site for food and/or habitat purposes.
HR-127Q-MW03	Surface soil, subsurface soil, and groundwater	Soil boring and monitoring well for surface, subsurface soil, and groundwater samples to be placed near the center of Parcel 127Q, directly in front of the skeet pad. Sample data will indicate if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site. The monitoring well location will be used to establish a local groundwater flow direction and site-specific geology, and provide information on groundwater quality in the residuum aquifer. Soil sample data will also be used to assess potential impacts to terrestrial biota that might utilize the site for food and/or habitat purposes.
HR-127Q-MW04	Surface soil, subsurface soil, and groundwater	Soil boring and monitoring well for surface, subsurface soil, and groundwater samples to be placed at the southeastern corner of Parcel 127Q boundary. Sample data will indicate if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site. The monitoring well location will be used to establish a local groundwater flow direction and site-specific geology, and provide information on groundwater quality in the residuum aquifer. Soil sample data will also be used to assess potential impacts to terrestrial biota that might utilize the site for food and/or habitat purposes.
HR-127Q-GP01	Surface and subsurface soil	Soil boring for surface and subsurface soil samples placed at the north end of the parcel. Sample data will indicate if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site. Soil sample data will also be used to assess potential impacts to terrestrial biota that might utilize the site for food and/or habitat purposes.
HR-127Q-GP02	Surface and subsurface soil	Soil boring for surface and subsurface soil samples placed at the eastern end of the parcel, approximately 100 feet in front of the skeet pad. Sample data will indicate if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site. Soil sample data will also be used to assess potential impacts to terrestrial biota that might utilize the site for food and/or habitat purposes.
HR-127Q-DEP01	Depositional soil	Sample placed at the center of the parcel, at the beginning of the surface water drainage feature that ultimately leaves the site toward 5th Street. Sample data will indicate if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site. Sample data will also be used to assess potential impacts to aquatic biota in the waterway and other ecological receptors that may utilize the waterway for food and/or habitat purposes.
HR-127Q-DEP02	Depositional soil	Sample placed in surface water drainage feature at western parcel boundary at 5th Street. Sample data will indicate if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site. Sample data will also be used to assess potential impacts to aquatic biota in the waterway and other ecological receptors that may utilize the waterway for food and/or habitat purposes.